

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024969.D
 Acq On : 27 Oct 2021 12:48
 Operator : JC/MD
 Sample : M4319-15
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-211020

Quant Time: Oct 28 03:11:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

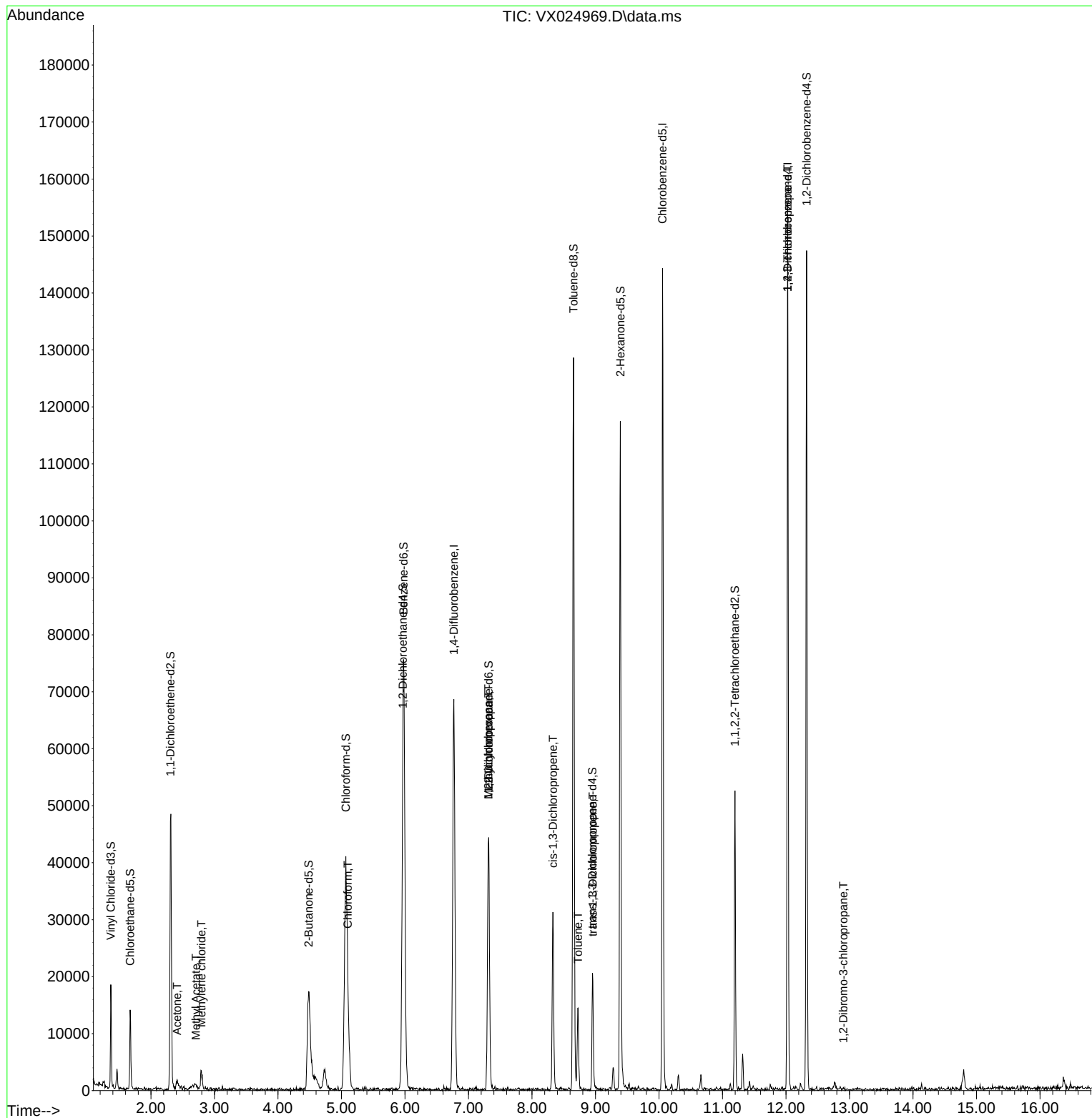
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	67942	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10293	5.160	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.200%	
7) Chloroethane-d5	1.673	69	8831	4.914	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.307	63	26658	3.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	4.483	46	35433	48.588	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.180%	
24) Chloroform-d	5.068	84	50030	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.964	65	25873	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.977	84	77735	5.126	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	7.318	67	22647	4.681	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	8.653	98	80939	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
43) trans-1,3-Dichloroprop...	8.952	79	11532	5.193	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	9.391	63	36227	45.326	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.660%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18507	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.323	152	26576	5.070	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						Qvalue
13) Acetone	2.410	43	2712	4.958	ug/L	94
15) Methyl Acetate	2.709	43	166	0.133	ug/L #	41
16) Methylene chloride	2.794	84	1352	0.279	ug/L	93
25) Chloroform	5.099	83	13774	1.247	ug/L	93
35) Methylcyclohexane	7.312	83	6576	0.760	ug/L #	21
37) 1,2-Dichloropropane	7.312	63	3055	0.657	ug/L #	92
39) cis-1,3-Dichloropropene	8.330	75	870	0.111	ug/L #	76
42) Toluene	8.726	91	10239	0.460	ug/L	97
44) trans-1,3-Dichloropropene	8.958	75	692	0.097	ug/L	99
61) 1,2,3-Trichloropropane	12.024	75	3202	1.055	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.902	75	71	0.096	ug/L #	60

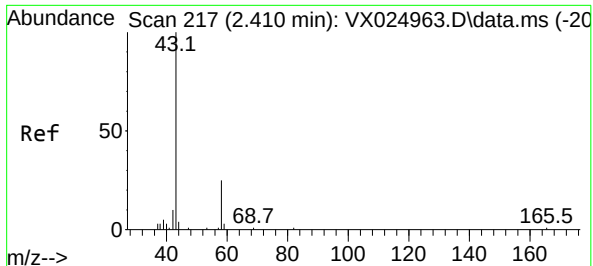
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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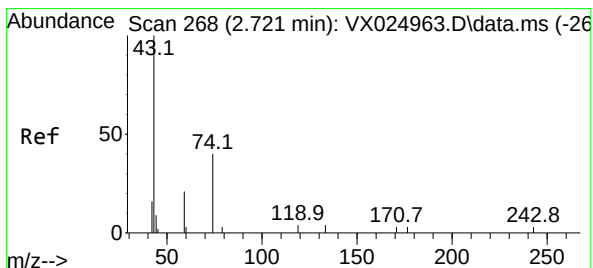
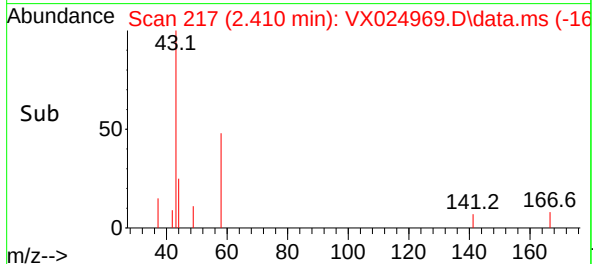
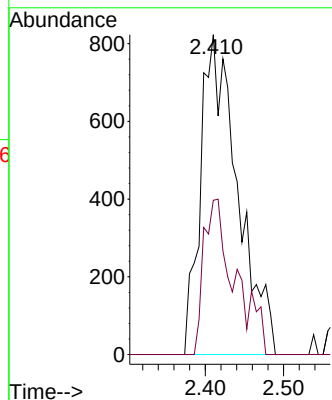
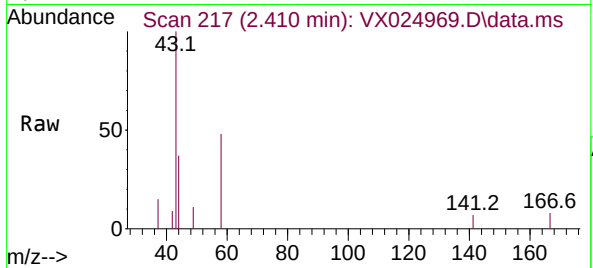




#13
Acetone
Concen: 4.958 ug/L
RT: 2.410 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

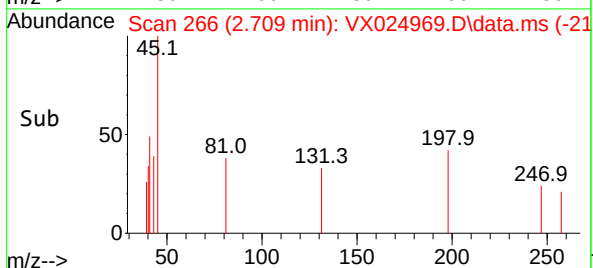
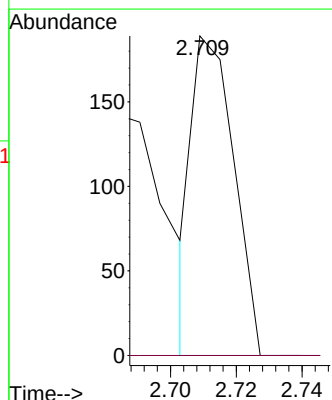
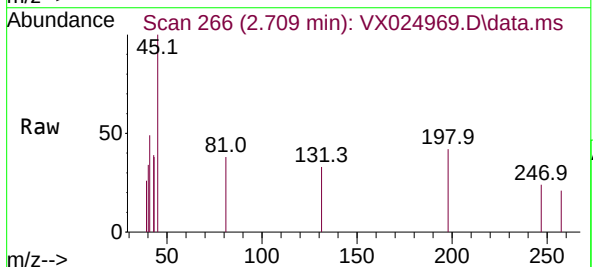
Instrument :
MSVOA_X
ClientSampled :
TB-211020

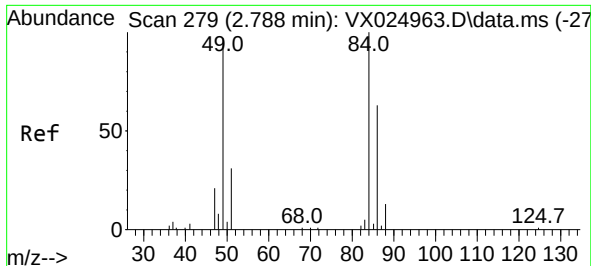
Tgt Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
58 35.4 0.0 64.2



#15
Methyl Acetate
Concen: 0.133 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.012 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#

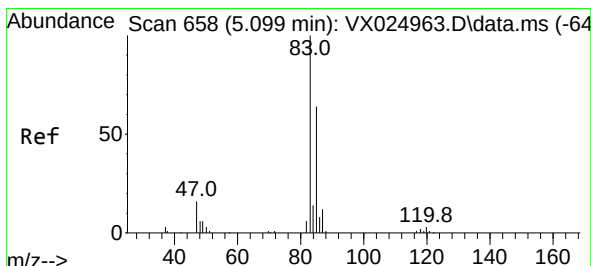
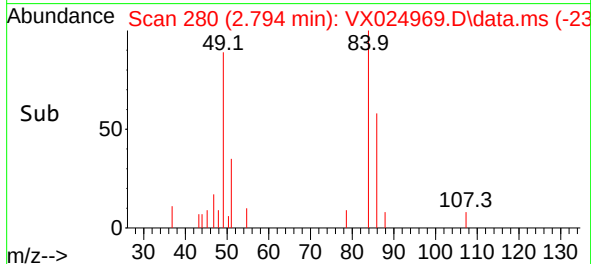
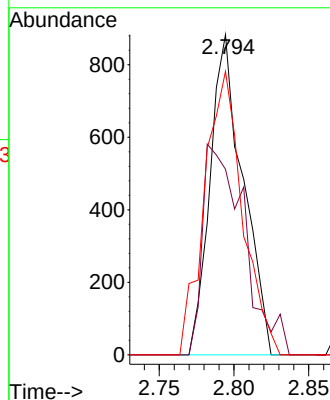
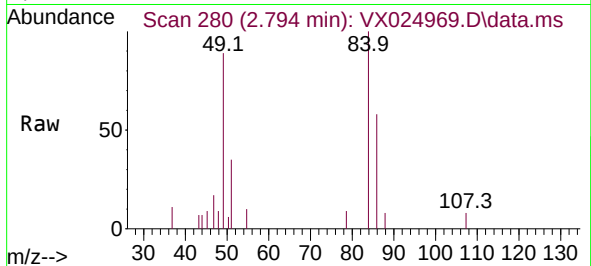




#16
Methylene chloride
Concen: 0.279 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

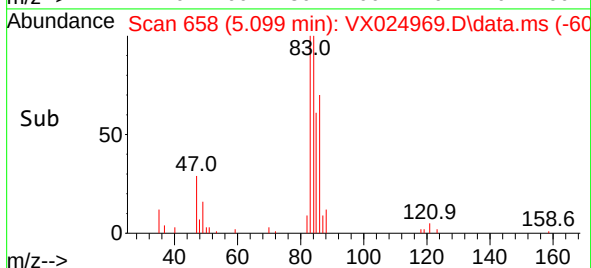
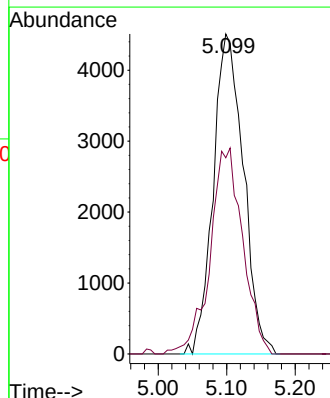
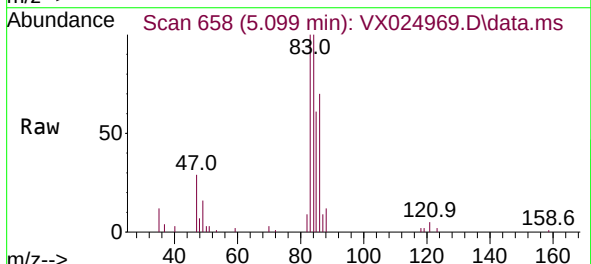
Instrument :
MSVOA_X
ClientSampleId :
TB-211020

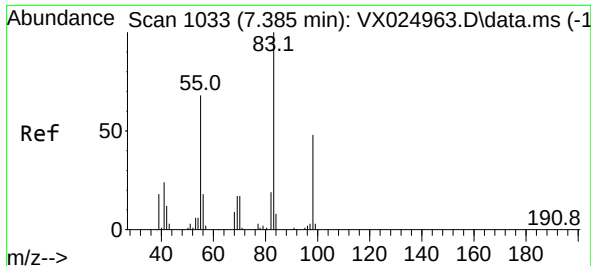
Tgt Ion: 84 Resp: 1352
Ion Ratio Lower Upper
84 100
86 58.0 49.5 91.9
49 88.6 62.7 116.5



#25
Chloroform
Concen: 1.247 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

Tgt Ion: 83 Resp: 13774
Ion Ratio Lower Upper
83 100
85 61.3 47.0 87.4

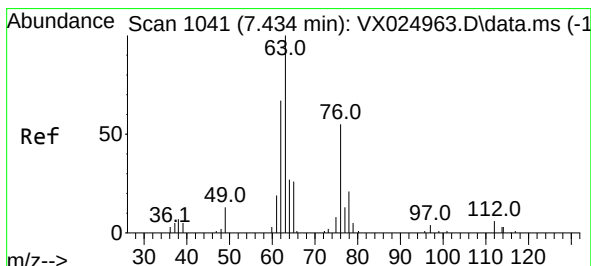
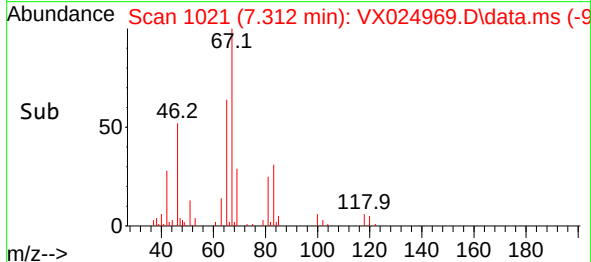
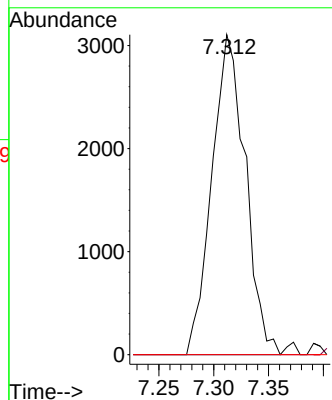
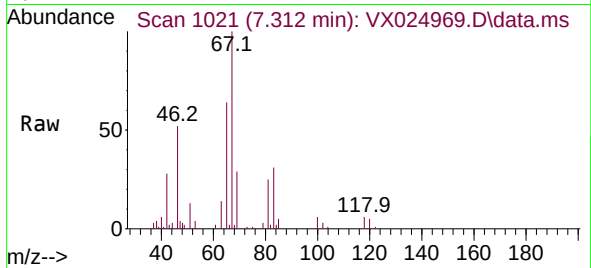




#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

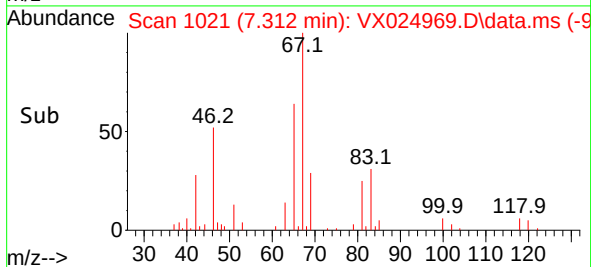
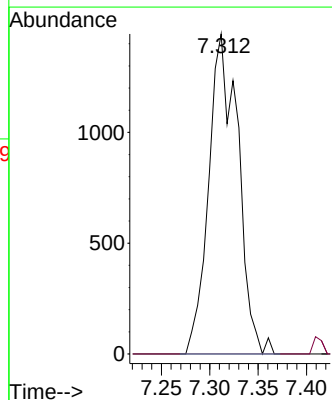
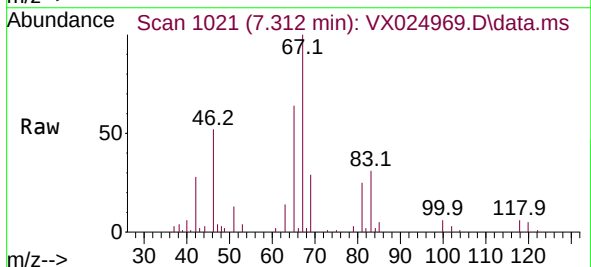
Instrument :
MSVOA_X
ClientSampleId :
TB-211020

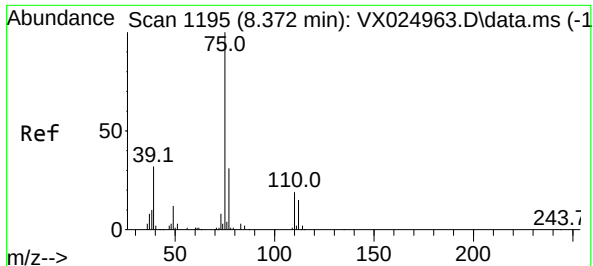
Tgt Ion: 83 Resp: 6576
Ion Ratio Lower Upper
83 100
55 0.3 55.7 83.5#
98 0.0 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

Tgt Ion: 63 Resp: 3055
Ion Ratio Lower Upper
63 100
112 1.6 3.5 5.3#

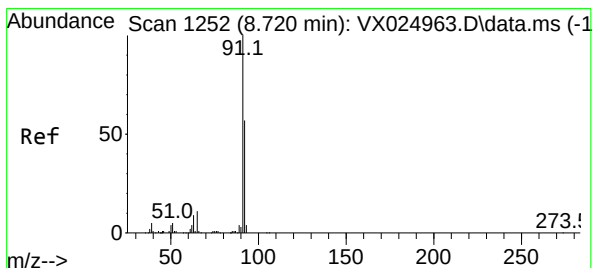
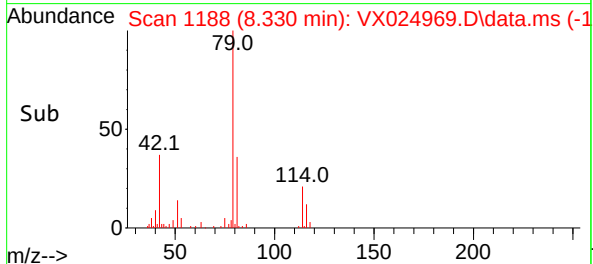
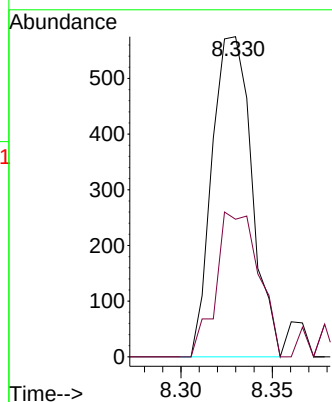
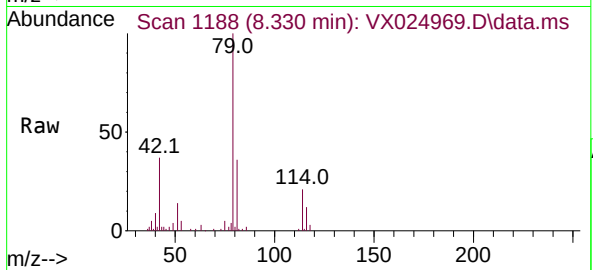




#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.042 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

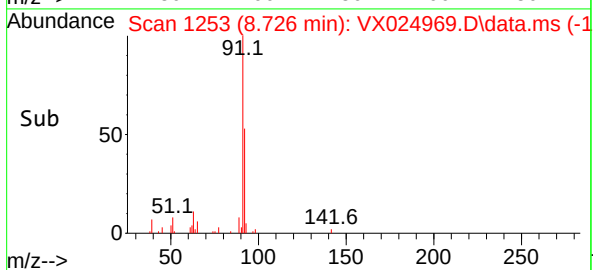
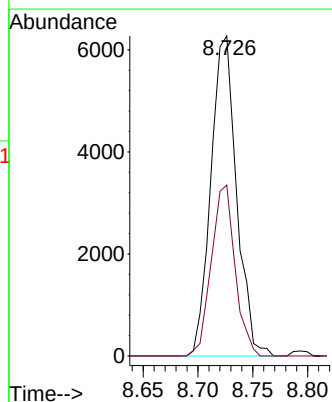
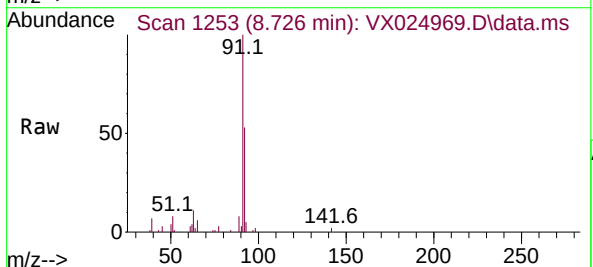
Instrument :
MSVOA_X
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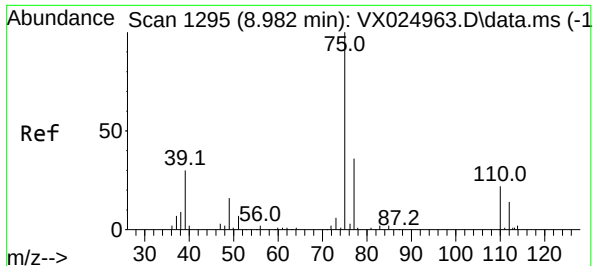
Tgt Ion: 75 Resp: 870
Ion Ratio Lower Upper
75 100
77 43.0 20.9 38.9#



#42
Toluene
Concen: 0.460 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

Tgt Ion: 91 Resp: 10239
Ion Ratio Lower Upper
91 100
92 53.4 39.1 72.5



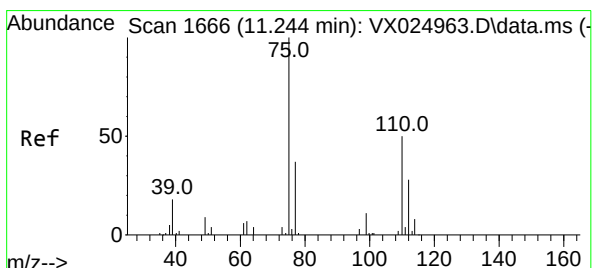
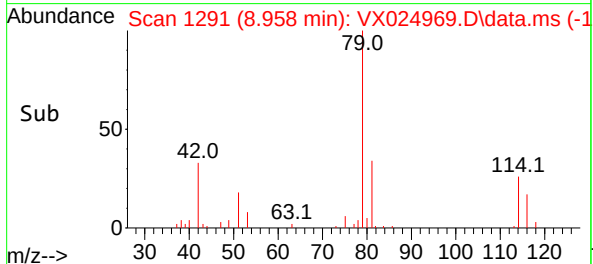
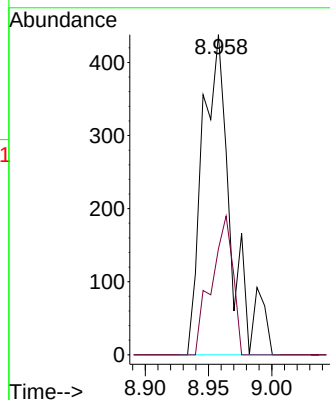
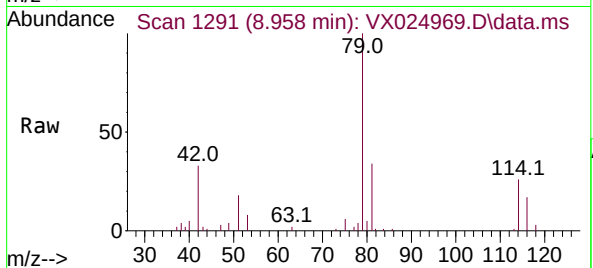


#44

trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

Instrument :
MSVOA_X
ClientSampled :
TB-211020

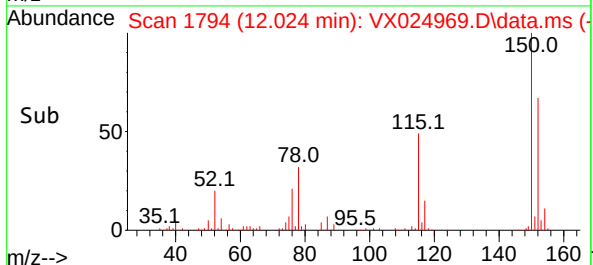
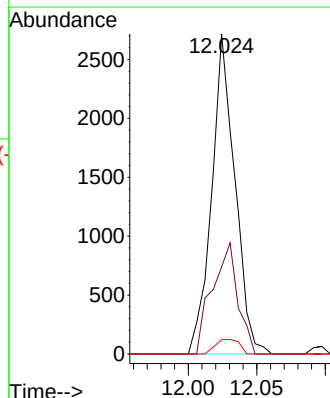
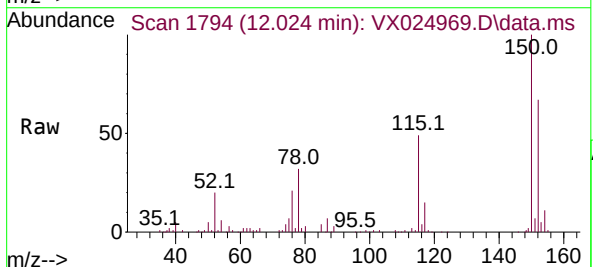
Tgt Ion: 75 Resp: 692
Ion Ratio Lower Upper
75 100
77 33.1 23.4 43.4

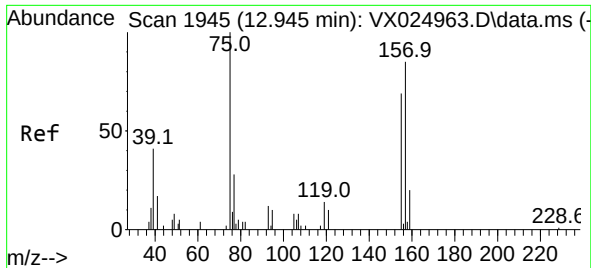


#61

1,2,3-Trichloropropane
Concen: 1.055 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.781 min
Lab File: VX024969.D
Acq: 27 Oct 2021 12:48

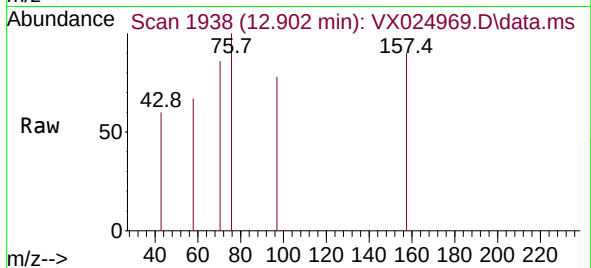
Tgt Ion: 75 Resp: 3202
Ion Ratio Lower Upper
75 100
77 38.1 28.1 42.1
110 4.6 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.096 ug/L
 RT: 12.902 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VX024969.D
 Acq: 27 Oct 2021 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-211020



Tgt Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.6 80.4#
 157 90.4 82.2 123.4

